

# PBDE Chemical Action Plan

Cheri Peele

NW Hazardous Waste Conference

April 14, 2004



# Executive & Legislative Authority

---

- *Jan. 2004-* Executive Order #04-01 Ecology (w/ DOH) shall:
  - Develop a chemical action plan for toxic flame retardants (PBDE's); recommend actions by 12/1/04
  - Begin implementation no later than 7/1/05
- *Mar. 2004-* 2004 Supplemental Budget included \$83,000 to develop PBDE CAP

# Action Plan Components

---

- **Identify PBDE's, toxicological effects, & environmental distribution**
- **Identify current uses, applications of PBDEs in Washington**
- **Analyze current laws, regulations related to PBDE use and management**
- **Identify available alternatives to PBDE use and proper management, reduction and elimination options**
- **Develop recommendations for further action.**

# Chemical Action Plan Process

---

- ❑ **Create internal Ecology/Health PBDE Technical Committee**
- ❑ **Create external PBDE Advisory Committee**
- ❑ **Draft PBDE Chemical Action Plan for public comment (August 2004)**
- ❑ **Final PDBE Chemical Action Plan (Dec. 1, 2004)**
- ❑ **Response to Comments (Spring 2005)**
- ❑ **Request legislative funding to implement PBDE CAP during 05-07 biennium**

# WA PBDE Data

---

- ▣ Increasing concentrations in Columbia River fish monitored from 1992 – 2000 (Rayne et al, 2003)
- ▣ Occurrence of PBDE's in WA State freshwater fish (Johnson and Olson, 2001)
- ▣ High concentrations (some > 1 ppm) in eagle & cormorant eggs along Columbia River and Hood Canal area (Peterman, 2001)

# WA PBDE Data

---

- Occurrence of PBDE's in nine samples of breast milk from Puget Sound area, median concentration 50 ppb (Northwest Environment Watch, 2004)
- One WA TRI reporter for Deca-BDE

# Contact Information

---

Cheri Peele

Washington State Department of Ecology

PO Box 47600

Olympia, WA 98504-7600

P: 360-407-7393

F: 360-407-6884

[chep461@ecy.wa.gov](mailto:chep461@ecy.wa.gov)